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August 22, 1944

Mrs. Albert W. Lasker
405 Lexington Avenue
Chrysler Bldg.
New York, New York

Dear Mrs. Lasker:

Immediately after our pleasant and helpful conversation two weeks ago, I sent letters to about thirty of the men whom I believed to be in the best position to furnish information that might be helpful to Senator Pepper's Committee. Replies have not been received from all, but I believe the information now available is of sufficient interest and value to justify my sending it to you. Please understand that this represents a very hasty and necessarily incomplete survey, although in many instances the figures have been accurately compiled by hospitals and Medical Schools. It should also be understood that the basis for calculations has not been the same in all instances, as some correspondents have excluded the salaries of full-time teachers who spend a few hours per week in investigative work, while others have included such salaries. Despite these inaccuracies, I believe the figures are sufficient to justify certain broad conclusions.

Boston	\$115,000	to 150,000	Louisiana	\$ 4,000
Chicago (incomplete)	80,000	52,000	Michigan	\$5,000 to 8,000
New York City		79,500	(incomplete)	
(not including Rockefeller Institute or medical research)			Minnesota	30,000
Philadelphia		116,000	New York State	21,000
California		60,000	(excluding New York City)	
Connecticut		10,000	North Carolina	6,000
Florida		11,000	Ohio (incomplete)	5,000
Georgia		6,000	Pennsylvania	50,000
Iowa		1,500	(excluding Philadelphia)	
Kentucky		2,000	Tennessee	5,000
			Virginia	5,000 *

As you will see, the above list omits a few medical centers, such as St. Louis and Baltimore, where small additional sums are undoubtedly being spent. But I believe the figures given above represent a fairly close approximation to the total now being expended on cardiovascular research in this country. In my opinion the figures are very liberal estimates, inasmuch as they frequently include

*Total 587,000

The American Heart Association publishes or distributes: Modern Concepts of Cardiovascular Disease (monthly), Bulletin of the Association (quarterly), Nomenclature and Criteria for Diagnosis of Diseases of the Heart, Standard Requirements for a Cardiac Clinic and for a Peripheral Vascular Disease Clinic, Standardization of Precordial Leads, Standardization of Blood Pressure Readings, pamphlets, cardiac record charts, films, lantern slides, and models and photographs of normal and abnormal hearts. The American Heart Journal, published by C. V. Mosby Company, St. Louis, Mo., is under the editorial control of the Directors of the Association.

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such items as salaries of men engaged primarily in teaching rather than research, the salaries of janitors, etc.

You will understand of course that the above amounts do not include the sums spent by the research departments of the large drug-manufacturing houses, such as Lilly, Squibb, Parke-Davis, and others. The firm of Eli Lilly and Company spends large sums for the investigation of hypertension, which is an illustration of the type of work that might have to be included in a full survey.

The replies to my first question have been prompt and detailed. Unfortunately, my second question, relating to the amount of money that could be profitably used for cardiovascular research, was ignored by many of my correspondents. Most of those who answered expressed the general opinion that the institutions and individuals now engaged in such research could use three to four times the amounts now available. California could use \$350,000 yearly for the problems that are considered urgent. Several whose opinions I value highly have suggested amounts of two or three million dollars a year as suitable, with the understanding that this might have to be increased after one or two years.

I am still awaiting some word from a representative of the American Medical Association, who tells me that more precise information may be on file in the headquarters office.

If this is not sufficiently detailed or helpful, please do not hesitate to write or telephone me, and I will do anything I can to supplement it. My New Haven address is 303 Whitney Avenue, and the telephone number is 5-8241. I will be in the New York office again on Tuesday August 29, and you could probably reach me by telephone between 10:15 and 4:30, except for the lunch hour.

Sincerely yours,

H. M. Marvin

HMM:eg